

Demand and supply of Power

2057. SHRI O.T. LEPCHA: Will the Minister of POWER be pleased to state:

(a) the present demand and supply of power along with the details of power generating plants in both private and public sectors in the country particularly in Sikkim; and

(b) the details of power plants under construction in the various States?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) The demand and supply of power in the country and Sikkim during the current year (April-November, 2006) was as under:

| | All India Sikkim | | All India Sikkim | |
|-----------------------------|------------------|-----|---------------------|--------------|
| Energy Requirement (MU) | 449400 | 138 | Peak Demand (MW) | 98435 40 |
| Energy Availability (MU) | 412319 | 136 | Peak Met (MW) | 86425 40 |
| Energy Shortage (MU) | 37081 | 2 | Peak Shortage | 12010 0 (MW) |
| Shortage(%) | 8.3 | 1.4 | Shortage(%) | 12.2 0 |

The details of sector-wise installed capacity of generating plants as on 31 st October, 2006 are as under:

| | Installed Capacity (MW) |
|--------------------------|-------------------------|
| Central Sector | — 41673.49 |
| State Sector | — 68000.95 |
| Private Sector | — 11807.67 |
| Renewable Energy Sources | — 6190.86 |
| TOTAL | 127672.97 |

(b) The details of power plants under construction in various State are given in the Statement.

Statement*List of generation projects under construction***A. 10th Plan projects under construction likely to be commissioned during November, 2006 to March, 2007**

| Name of the project | Benefits (MW) |
|---------------------|---------------|
| Hydro | |
| Tehri St. I | 500.00 |
| Dulhasti | 390.00 |
| Largi | 42.00 |
| Maneri Bhali—II | 304.00 |
| Ghatghar PSS | 250.00 |
| Jurala Priya | 39.00 |
| Purulia PSS IV | 225.00 |
| Balimela ST. II | 150.00 |
| Karbi Langpi | 100.00 |
| Sub Total - Hydro | 2000.00 |
| Thermal | |
| Giral Lignite | 125.00 |
| KLTPS Ext. (Panan) | 75.00 |
| Paricha Extn. | 210.00 |
| GHTPP II | 500.00 |
| Sipat II | 1000.00 |
| VindhyaChal | 500.00 |
| Korba East Ext. | 500.00 |
| Parli TPP Ext. | 250.00 |
| Paras Ext. | 250.00 |
| Raigarh TPP 1 | 250.00 |
| Birsingpur Ext. | 500.00 |
| Rayalseema II | 420.00 |
| Bellary | 500.00 |
| Mezia U 5 & 6 | 500.00 |
| Kahalgaon II | 1500.00 |
| Sagardighi 1 & 2 | 600.00 |
| Santaldih TPP | 250.00 |

| Name of the project | Benefits (MW) |
|------------------------------------|---------------|
| Bakreshwar 4 | 210.00 |
| Durgapur | 300.00 |
| Dholpur CCGT | 220.00 |
| Sugen Akhakhol | 365.00 |
| Dhuvaran CCGT II | 40.00 |
| Dabhol CCGT II | 704.00 |
| Konaseema CCGT | 445.00 |
| Gautami CCGT | 464.00 |
| Sub-total—Thermal | 10678.00 |
| Nuclear | |
| Kaiga U- 3 | 220.00 |
| Sub-total-Nuclear | 220.00 |
| TOTAL UNDER CONSTRUCTION 10TH PLAN | 12898.00 |
| B. 11th Plan projects | |
| HYDRO PROJECTS | |
| Parbati—ii | 800 |
| Chamera-iii | 231 |
| Parbati—iii | 520 |
| Sewa-ii | 120 |
| Uri-ii | 240 |
| Nimoo Bazgo | 45 |
| Chutak | 44 |
| Omkareshwar | 520 |
| Teesta Low Dam-iii | 132 |
| Teesta Low Dam-iv | 160 |
| Subansiri Lower | 2000 |
| Koteshwar | 400 |
| Kameng | 600 |
| Kol Dam | 800 |
| Lohari Nagpala | 600 |
| Teesta V | 510 |
| Uhl—iii | 100 |
| Baglihar-i | 450 |
| Jurala Priyadarshni* | 195 |

| Name of the project | Benefits (MW) |
|---------------------------|---------------|
| Nagarjuna Sagar Tr | 50 |
| Varahi Extn. | 230 |
| Athirapalli | 163 |
| Kutayadi Ext. | 100 |
| Bhawani Barrage ii & iii | 60 |
| Purfia Pss* | 675 |
| Myntdu St-i | 84 |
| Budhil | 70 |
| Allain Dhuangan | 192 |
| Malana ii | 100 |
| Karcham Wangtoo | 1000 |
| Srinagar | 330 |
| Maheshwar | 400 |
| Chujachen | 99 |
| Sub Total Hydro 11th Plan | 12020 |
| Thermal Projects | |
| Dadri Ext (U-5) | 490 |
| Sipat I | 1980 |
| Bhilai Jv | 500 |
| Korba iii | 500 |
| Barh-i | 1980 |
| Farakka Stage-iii | 500 |
| Chandrapur | 500 |
| Barsingsar Lig | 250 |
| Neyveli-ii Lig | 500 |
| Yamuna Nagar | 600 |
| Giral *U-2 | 125 |
| Chabra Tps | 500 |
| Kota U7 | 195 |
| Suratgarh Ext | 250 |
| Dholpur | 110 |
| Parichha Ext. | 500 |
| Harduaganj | 500 |
| Surat Lignite Ext | 250 |
| Amarkantak | 210 |
| Parli Ext U-2 | 250 |

| Name of the project | Benefits (MW) |
|--|---------------|
| Paras Ext U-2 | 250 |
| Bhopalapally (Kaktiya) | 500 |
| Vijaywada Tpp | 500 |
| Bellary Tps U-2 | 500 |
| Raichur U 8 | 250 |
| Valuthur Extn. | 92 |
| Bakreshwar U-5 | 210 |
| Lakwa Wh | 37.2 |
| Dimapur Dg | 23 |
| Raigarh Ph li | 750 |
| Pathadi (Lanco) U1 | 300 |
| Pathadi (Lanco) U2 | 300 |
| Sugen Torrent | 752 |
| Trombay Tps | 250 |
| Budge-budge Ext | 250 |
| Sub-total Thermal | 15654 |
| Nuclear Projects | |
| Rapp U5&6 | 440 |
| Kudankulam U 1,2 | 2000 |
| Pfbr (Kalapakkam) | 500 |
| Kaiga U-4 | 220 |
| Sub Total Nuclear | 3160 |
| Total 11th Plan Under Construction | 30834 |
| Total Under Construction (November, 2006—March, 2012) | 43732 |

Facilities for areas adjoining Tehri Dam

†2058. SHRI HARISH RAWAT: Will the Minister of POWER be pleased to state:

(a) the position of the Pratap Nagar region etc. due to the forming of a large lake there as a result of the construction of Tehri Dam;

†Original notice of the question was received in Hindi.